

CLAIMS

1. A transmission belt comprising:

a belt body which is molded from a stock rubber;

5 chopped aramid fibers that are intermixed in said belt body and oriented in a predetermined direction of said belt body; and

chopped polyester fibers that are intermixed in said belt body and oriented in said predetermined direction;

10 wherein said chopped polyester fibers are longer than said chopped aramid fibers.

2. A transmission belt according to claim 1, wherein said chopped aramid fibers and said chopped polyester fibers are oriented in a width direction of said belt body.

15 3. A transmission belt according to claim 1, wherein 5 to 30 parts by total weight of said chopped aramid fibers and said chopped polyester fibers are intermixed in said stock rubber with respect to 100 parts of a rubber component of said stock rubber.

20 4. A transmission belt according to claim 1, wherein a length of said chopped aramid fibers is less than 3 mm.

5. A transmission belt according to claim 1, wherein a length of said chopped polyester fibers is less than 5 mm.

6. A transmission belt according to claim 1, wherein a
25 rubber component of said stock rubber is one of ethylene

propylene copolymer, ethylene propylene diene terpolymer, nitrile butadiene rubber, hydrogenated nitrile butadiene rubber, and chloroprene rubber.

7. A transmission belt according to claim 1, wherein said
5 chopped polyester fibers are subjected to a treatment involving coating with a resorcinol-formalin-latex.

8. A transmission belt according to claim 1, wherein said
chopped polyester fiber is one of chopped PET fiber, chopped
polyethylene isophthalate fiber, chopped polybutylene
10 terephthalate fiber, chopped fiber obtained from a ring-opening polymer of β -propiolactone, and chopped fiber of a polymer obtained by polymerizing dimethyl terephthalate and 1,4-cyclohexanedimethanol.

9. A transmission belt according to claim 1, wherein said
15 chopped aramid fiber is one of chopped para aramid fiber and chopped meta aramid fibers.

10. A transmission belt according to claim 1, wherein said transmission belt is a V-belt.

11. A transmission belt according to claim 10, wherein said
20 V-belt is a cogged V-belt.

12. A transmission belt comprising:

a belt body which is obtained and molded from a stock rubber in which chopped aramid fibers and chopped polyester fibers are intermixed;

25 said chopped polyester fibers being longer than said

chopped aramid fibers;

wherein said chopped aramid fibers and said chopped polyester fibers are oriented in a predetermined direction of said belt body.